

Application Serial No. 10/675,498
Reply to office action of March 8, 2007

PATENT
Docket: CU-3333

Amendments To The Claims

The listing of claims presented below will replace all prior versions, and listings, of claims in the application.

Listing of claims:

1. (Currently amended) A bagless vacuum cleaner comprising:
 - a brush;
 - a driving motor for generating a suction force;
 - a main body including said driving motor and a filter mounting;
 - a dust suction tube having one end connected to said filter mounting and the other end connected to said brush;
 - a filter assembly mounted within said filter mounting to filter out dust from external air drawn into said main body through said dust suction tube and said brush, the filter assembly being comprised of a filter housing having a top, a bottom and at least one side, the filter housing being capable of enclosing at least one filter unit, the filter housing having a safety lever at the bottom of the filter housing, the safety lever protruding outwardly from the at least one side of the filter housing if the at least one filter unit is not fully installed into the filter housing and which prevents the filter assembly from being installed into the main body; and
 - [[and]] a main body cover forming an outer surface of the bagless vacuum cleaner and coupled with said filter assembly to facilitate the insertion and removal of said filter assembly into and from said filter mounting and being capable of locking to said main body.

Application Serial No. 10/675,498
Reply to office action of March 8, 2007

PATENT
Docket: CU-3333

2. (Cancelled)

3. (Currently amended) The bagless vacuum cleaner according to claim [[2]] 1, wherein said filter housing includes an engagement loop. ~~connected to said main body cover and a safety lever for preventing said filter assembly from being mounted into said filter mounting when said first filter unit is not fully connected within said filter housing.~~

4. (Currently amended) The bagless vacuum cleaner according/to claim [[2]] 1, wherein said filter housing further comprises an opening, through which external air flows into the filter housing. ~~an opening cover for selectively opening and closing said opening~~

5. (Currently amended) The bagless vacuum cleaner according to claim [[3]] 4, wherein said filter housing further comprises an opening cover for covering selectively opening and closing said opening in the filter housing, the opening cover being urged to a closed position by a spring, when the filter housing is removed from the bagless vacuum cleaner.

6. (Currently amended) The bagless vacuum cleaner according to claim [[2]] 1, wherein [[said]] a second filter unit comprises a second filter, and a second filter holder for supporting said second filter. ~~, and a filter net enclosing said second filter within said second filter holder.~~

Application Serial No. 10/675,498
Reply to office action of March 8, 2007

PATENT
Docket: CU-3333

7. (Currently amended) The bagless vacuum cleaner according to claim ~~[[2]]~~ 1, wherein ~~[[said]]~~ a first filter unit further comprises a first filter and a first filter holder for supporting said first filter.

8. (Currently amended) A bagless vacuum cleaner comprising:

a brush;

a driving motor for generating a suction force;

a main body including said driving motor and a filter mounting; a dust suction tube having one end connected to said filter mounting and the other end connected to said brush;

a cyclone dust collector provided in said dust suction tube for separating said dust from air drawn into the collector by circulating the air within the cyclone dust collector;

a filter assembly mounted into said filter mounting and comprising a filter housing, a first filter unit and a second filter unit to filter out dust and dirt from external air drawn into said main body through said dust suction tube and said brush, the filter assembly being comprised of a filter housing having a top, a bottom and at least one side, the filter housing being capable of enclosing at least one filter unit, the filter housing having a safety lever at the bottom of the filter housing, the safety lever protruding outwardly from the at least one side of the filter housing if the at least one filter unit is not fully installed into the filter housing, and which prevents the filter assembly from being installed into the main body; and

a main body cover having first, second and third hooks, each of which are

Application Serial No. 10/675,498
Reply to office action of March 8, 2007

PATENT
Docket: CU-3333

shaped and configured to engage said filter assembly, and a handle for facilitating the selective insertion and removal of said filter assembly into and from said filter mounting.

9. (Original) The bagless vacuum cleaner according to claim 8, wherein said handle of said main body cover has at least one hook which can be locked into corresponding locking grooves formed on said main body.

10. (Currently amended) The bagless vacuum cleaner according to claim 8, wherein said filter assembly further comprises a safety lever, having at least one locking projection, which can be inserted into a hole in a sidewall of the filter housing when the filter housing is completely assembled.

11. (Currently amended) The bagless vacuum cleaner according to claim 8, wherein said filter housing of said filter assembly includes an opening, which ~~exactly~~ corresponds with said dust suction tube, and an opening cover for selectively opening and closing said opening.

12. (Currently amended) The bagless vacuum cleaner according to claim 9, wherein said filter housing of said filter assembly includes an opening, which corresponds with said dust suction tube, and an opening cover for selectively opening and closing said opening, the opening cover being urged to a closed position by a spring, whenever the filter housing is outside the bagless vacuum cleaner.

Application Serial No. 10/675,498
Reply to office action of March 8, 2007

PATENT
Docket: CU-3333

13. (Original) The bagless vacuum cleaner according to claim 8, wherein said filter housing of said filter assembly includes an engagement loop, which is shaped and configured to engage with said first hook of said main body cover, and a plurality of locking jaws, which can be engaged with said second and third hooks of said main body cover.

14. (Currently amended) A bagless vacuum cleaner comprising:

a brush;

a driving motor for generating a suction force;

a main body including said driving motor and a filter mounting having a filter guide;

a dust suction tube having one end connected to said filter mounting and the other end connected to said brush;

a cyclone dust collector provided in said dust suction tube to remove dust from air drawn into the cyclone dust collector by circulating the air within the cyclone dust collector;

a filter assembly mounted within said filter mounting and comprising a filter housing and a first filter unit locked into said filter housing, the filter assembly being comprised of a filter housing having a top, a bottom and at least one side, the filter housing being capable of enclosing at least one filter unit, the filter housing having a safety lever at the bottom of the filter housing, the safety lever protruding outwardly from the at least one side of the filter housing if the at least one filter unit is not fully installed into the filter housing, and which prevents the filter assembly from being installed into

Application Serial No. 10/675,498
Reply to office action of March 8, 2007

PATENT
Docket: CU-3333

the main body; and

a main body cover, forming an outer surface of the bagless vacuum cleaner,
and detachable from said filter assembly, said main body thereby being provided with a
handle.

15. (Original) The bagless vacuum cleaner according to claim 14, wherein said handle
of said main body cover has a plurality of hooks which can be locked into corresponding
locking grooves formed on said main body.

16. (Currently amended) The bagless vacuum cleaner according to claim 14, wherein
said filter assembly includes a support projection and at least ~~[[on]]~~ one locker capable
of holding a tool for cleaning said filter on one side thereof.